## EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE S.H.A.

| QUANTITY | UNIT | SPECIFICATION SECTION | DESCRIPTION |
|---|---|---|---|
| 9 | S.F. | 813 | 1 - 36"x36" W3-3 SIGN WITH MAST ARM MOUNTING HARDWARE |
| 1 | EA. | 816 | 1 - AUXILIARY CABINET WITH TERMINAL STRIP - POLE MOUNT |

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

| QUANTITY | UNIT | SPECIFICATION SECTION | DESCRIPTION |
|---|---|---|---|
| 14 | EA. | 811 | F & I ELECTRICAL HANDHOLE |
| 1,604 | L.F. | 810 | F & I LOOP DETECTOR WIRE (No. 14 A.W.G.) ENCASED IN FLEXIBLE TUBING |
| 10 | EA. | 810 | F & I MICROLOOP PROBES (SET OF 3) WITH 500 L.F. LEAD IN |
| 2,049 | L.F. | 810 | F & I 2-CONDUCTOR (ALUM. SHIELDED) ELECTRICAL CABLE (No.14 A.W.G.) |
| 1,122 | L.F. | 810 | F & I 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) |
| 1,378 | L.F. | 810 | BARE COPPER GROUND WIRE (No.6 A.W.G.) |
| 53 | L.F. | 805 | F & I 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE |
| 20 | L.F. | 805 | F & I 2" SCHEDULE 40 RIGID PVC CONDUIT TRENCHED |
| 789 | L.F. | 805 | F & I 3" SCHEDULE 40 RIGID PVC CONDUIT - TRENCHED |
| 100 | L.F. | 805 | F & I 3" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED |
| 550 | L.F. | 805 | F & I 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED |
| 3 | C.Y. | 801 | F & I CONCRETE FOR SIGNAL FOUNDATION |
| 849 | L.F. | 815 | F & I SAWCUT FOR SIGNAL (LOOP DETECTOR) |
| 1 | EA. | 818 | F & I STEEL POLE WITH A SINGLE 38' MAST ARM WITH $1\frac{3}{4}$" x 90" ANCHOR BOLTS |
| 1 | EA. | 816 | F & I GROUND ROD |
| 15 | L.F. | 810 | F & I BARE COPPER GROUND WIRE #6 |
| LUMP SUM | | 804 | REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT |
| 9 | S.F. | | INSTALL OVERHEAD SIGN |
| 2 | EA. | | F & I (MAST ARM MOUNT) 12" SECTION BLACK FACED SIGNAL HEAD |
| 1 | EA. | 816 | INSTALL CABINET WITH TERMINAL STRIP - POLE MOUNT |

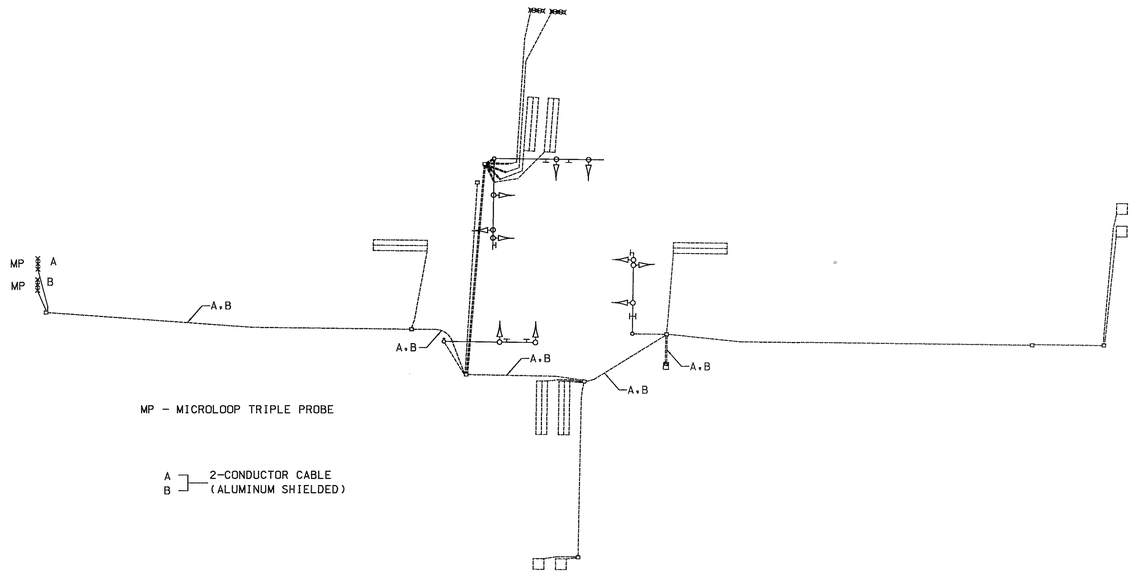
NOTES: 1. ALL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

## PROJECT DESCRIPTION

I. GENERAL
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US RTE 1 AND DORSEY ROAD IN HOWARD COUNTY. US RTE 1 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION
THE EXISTING PHASING WILL NOT CHANGE.

III. SPECIAL NOTES
ANY DOWN TIME OF THE TRAFFIC SIGNAL SHALL BE DONE DURING THE ASSIGNED WORK HOURS OF 9 P.M. TO 5 A.M. AND SHALL BE ASSISTED BY STATE POLICE PRESENT ON THE JOB SITE. THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR CONTACTING THE STATE POLICE.




U.S. RTE. 1 AT MD 103 (DORSEY ROAD/MEADOW RIDGE ROAD)

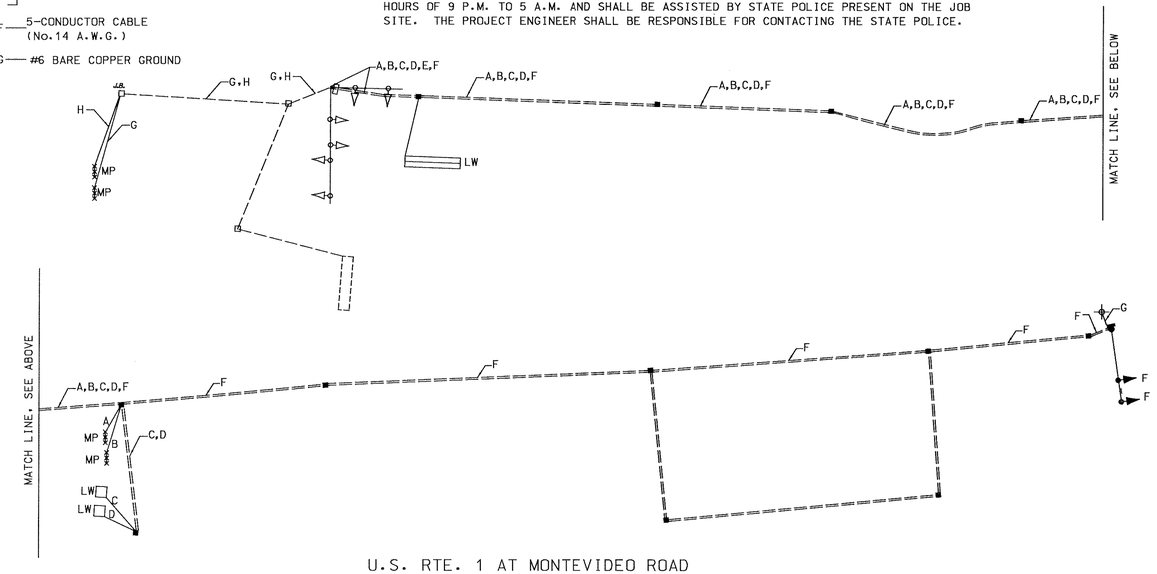
## PROJECT DESCRIPTION

MP - MICROLOOP TRIPLE PROBE
LW - LOOPWIRE (No. 14 A.W.G.) ENCASED IN FLEXIBLE TUBING
A, B, C, D, E, G, H - 2-CONDUCTOR CABLE (ALUMINUM SHIELDED)
F - 5-CONDUCTOR CABLE (No.14 A.W.G.)
G - #6 BARE COPPER GROUND

I. GENERAL
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US RTE 1 AND MONTEVIDEO ROAD IN HOWARD COUNTY. US RTE 1 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION
THE EXISTING PHASING WILL NOT CHANGE.

III. SPECIAL NOTES
ANY DOWN TIME OF THE TRAFFIC SIGNAL SHALL BE DONE DURING THE ASSIGNED WORK HOURS OF 9 P.M. TO 5 A.M. AND SHALL BE ASSISTED BY STATE POLICE PRESENT ON THE JOB SITE. THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR CONTACTING THE STATE POLICE.




U.S. RTE. 1 AT MONTEVIDEO ROAD

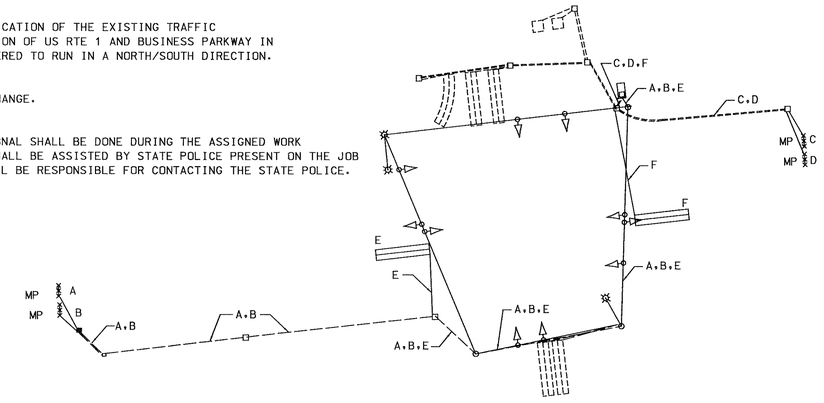
## PROJECT DESCRIPTION

I. GENERAL
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US RTE 1 AND BUSINESS PARKWAY IN HOWARD COUNTY. RTE 1 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION
THE EXISTING PHASING WILL NOT CHANGE.

III. SPECIAL NOTES
ANY DOWN TIME OF THE TRAFFIC SIGNAL SHALL BE DONE DURING THE ASSIGNED WORK HOURS OF 9 P.M. TO 5 A.M. AND SHALL BE ASSISTED BY STATE POLICE PRESENT ON THE JOB SITE. THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR CONTACTING THE STATE POLICE.

MP - MICROLOOP TRIPLE PROBE
A, B, C, D, E, F - 2-CONDUCTOR CABLE (ALUMINUM SHIELDED)




U.S. RTE. 1 AT BUSINESS PARKWAY

| REVISIONS | APPROVALS |
|---|---|
| | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
| | ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | DIRECTOR, TRAFFIC & SAFETY |

ORIGINAL SIGNATURE ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
U.S. RTE. 1 AT MONTEVIDEO ROAD
AND U.S. RTE. 1 AT DORSEY ROAD (MD 103)
AND U.S. RTE. 1 AT BUSINESS PARKWAY

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | J.C.R. | F.A.P. NO. | SEE TITLE SHEET | TS NO. | SHEET NO. |
| CHECKED BY: | R.D.C. | S.H.A. NO. | H0761516 | TS-1953 | 49 OF 95 |
| SCALE: | 1"= 40' | COUNTY: | HOWARD | T.I.M.S. NO. | |
| DATE: | | LOG MILE: | | N/A | |